

CLAIMS

WHAT IS CLAIMED IS:

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1. A heat exchanger assembly, comprising:

A first attachment component including slot wall, slot tab, a flexible member, stop wall, and a stop edge combination;

10 a second attachment component, including a mating bracket with flange combination

wherein the first attachment component is approximately parallel to the second attachment component and wherein the bracket is aligned with the opening formed by the slot walls of the first attachment component.

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2. A heat exchanger assembly as in claim 1 wherein one or more attachment components have at least one back up hole for screws.

3. A heat exchanger assembly as in claim 1, wherein the one of the attachment component includes an alignment element.

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4. A heat exchanger assembly as in claim 1, wherein the first attachment component and second attachment component are assembled using a sliding motion.

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5. A heat exchanger assembly as in claim 1, wherein the first attachment component and second attachment component once assembled restrict movement in at least 2 directions.

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6. A heat exchanger assembly as in claim 1, wherein the first attachment component and second attachment component once assembled restrict movement in at least 4 directions.

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7. A heat exchanger assembly as in claim 2, wherein the first attachment component flexible member includes a snapping ledge.

8. A heat exchanger assembly as in claim 2, wherein the bracket is aligned with the alignment element of the first heat exchanger component.

5 9. A heat exchanger assembly as in claim 1, wherein the flange of the second attachment component is fully captured under the slot tab of the first attachment component.

10 10. A heat exchanger assembly as in claim 1, wherein one or more of the attachment components engage another component by snapping in.

11. A heat exchanger assembly as in claim 2, wherein the alignment element is a post or locator post.

15 12. A heat exchanger assembly, as in claim 9, wherein two or more of the attachment components engage other components by snapping in.

13. A heat exchanger assembly comprising:
a first attachment component including slot wall, slot tab, a flexible member, an alignment element, a stop wall, and a stop edge combination;
20 wherein the first attachment component is approximately parallel to the second attachment component and wherein the bracket is aligned with the open area formed by the slot wall or the alignment element, of the first heat exchanger component and assembled using a sliding motion.

25 14. A heat exchanger assembly as in claim 13 wherein one or more attachment components have at least one back up hole for screws.

30 15. A heat exchanger assembly as in claim 13, wherein the first attachment component and second attachment component once assembled restrict movement in at least 2 directions.

16. A heat exchanger assembly as in claim 15, wherein the first attachment component and second attachment component once assembled restrict movement in at least 4 directions.

5 17. A heat exchanger assembly as in claim 1 wherein the slot tabs are continuous.

18. An assembly comprising:

10 A first attachment component including slot wall, slot tab, a flexible member, stop wall, and a stop edge combination;

a second attachment component, including a mating bracket with flange combination; wherein the first attachment component and the second attachment component are assembled using a sliding motion and wherein the components, once assembled, restrict movement in at least 2 directions.

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